AMENDMENTS TO THE CLAIMS

Claims 1 – 16 **(canceled)**

17. **(currently amended)** A method of determining the presence or absence of neural, muscular, soft tissue, bone or joint damage to the wrist complex comprising the steps of:

(a) engaging slick contact points on a fixture with at least one digit innervated by the ulnar nerve and at least one digit innervated by the median nerve, wherein the contact points are configured to transmit forces normal to their surface;

(b) applying force on said slick contact points with said digits; and

(c) measuring the force applied to at least two of said slick contact points to provide quantifiable outputs therefor, wherein the outputs are used to diagnose wrist complex diseases and injuries.

18. **(previously presented)** The method of claim 17 wherein the quantifiable outputs representing the forces applied by at least two digits innervated by different nerves are displayed.

19. **(previously presented)** The method of claim 18 wherein the outputs are displayed as a function selected from the group consisting of time, frequency, phase, and any combination thereof.

20. **(previously presented)** The method of claim 19 wherein the measurements are processed by computer for storage or immediate use.

21. **(previously presented)** The method of claim 20 wherein the diseases and injuries are diagnosed using a technique selected from the group consisting of pattern recognition, neural networks, frequency analysis, phase analysis, signature analysis, graphic displays, and any combination thereof.

22. **(previously presented)** The method of claim 20 wherein the measurements are compared to earlier measurements at a frequency

selected from the group consisting of hourly, daily, weekly, yearly and any combination thereof to determine long term effects of said diseases or injuries.

23. **(previously presented)** The method of claim 18 wherein the force is applied to said slick contact points for a prolonged period of time.

24. **(previously presented)** The method of claim 18 wherein the force is applied repeatedly to said slick contact points.

25. **(previously presented)** The method of claim 18 wherein a visual or audible signal is produced when force should be applied to said slick contact points.

26. **(previously presented)** The method of claim 17 wherein said slick contact points allow displacement measurements to be made.

27. **(previously presented)** The method of claim 26 wherein said slick contact points are attached to a fixture that is designed so that the force applied normal to the surface of said contact points is at least 70 % of the total force.

Claims 28-39 **(canceled)**